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This review of certain studies carried out in Moscow
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EFFECT OF PERIODIC OSCILLATIONS OF
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The influence of the oscillations of the velocity in a liquid jet and the density of the medium surrounding a cylindrical jet, on the disintegration of the jet, is considered theoretically. The method of small perturbations beginning with the velocity potential equation is used. The following conclusions were derived: (a) during the oscillations of the velocity of a liquid jet the character and the length of the waves of the unstable perturbations are subject to change and there appears a great number of separate

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